

# EUROPEAN PATENT OFFICE

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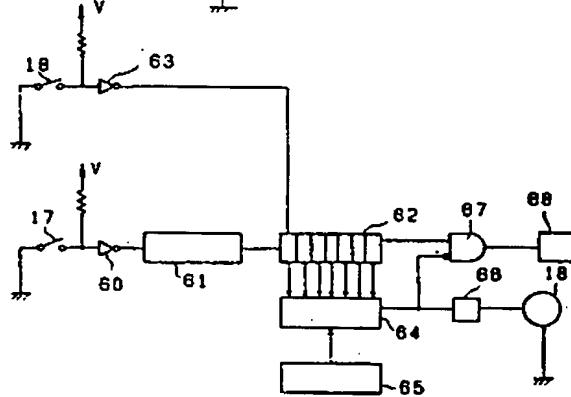
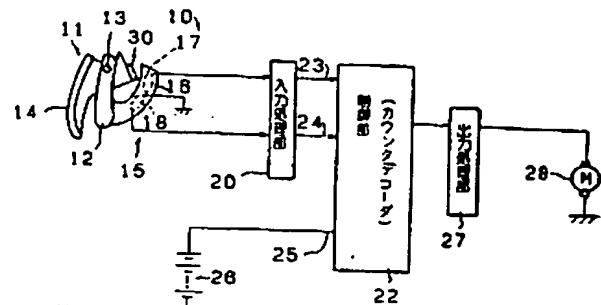
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TITLE : KEYLESS ENTRY DEVICE



ABSTRACT : PURPOSE: To surely unlock a lock in a short time by comparing a counter counting pulses generated from a first switch device with the output of a counter by a digit input completion signal of a second switch device.

CONSTITUTION: A switch device 15 provided in a bracket 12 attached to a door handle 11 is constituted of a first reed switch 17 generating the number of pulses corresponding to the figures of each digit and a second reed switch 18 which transmits a signal when figures at each digit have been completely inputted, and the like. And further, this device is provided with a counter 61 counting pulses generated from the first reed switch 17 and a shift register 62 storing the output of the counter 61 on the basis of the result that each digit has been completely inputted, in the second reed switch 18. Moreover, a comparator 64 is provided so that this figure is compared with the figure stored in a memory 65 in advance and when they coincide with each other, an unlocking signal is outputted. In this way, the lock can be surely unlocked in a short time.

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